

Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-13 (Cancelled).

14(Original). A method for inhibiting ~~an~~ the activity of an interspecies quorum-sensing inducer to regulate quorum-sensing in bacteria, wherein DHCP is used as an active ingredient comprising contacting bacteria with 4,5-dihydroxy-2-cyclopenten-1-one (DHCP) to inhibit the activity of interspecies quorum-sensing inducer that regulates quorum-sensing in bacteria.

15(Original). The method according to claim 14, wherein the interspecies quorum-sensing inducer is autoinducer-2 (AI-2).

Claims 16-25 (Cancelled).